

FL-2500 **Universal Wall Light**

User Manual



- **Introduction**

Thank you for selecting our products FL-2500 Universal Wall Light. In the sake of your safety and better use of this product, please read this user's manual carefully and note the rule strictly before you use this product.

It adopts advanced design and processing technics and has trim appearance. It use high quality glass & CMY system and DMX512, that make it can change color quickly or get unlimited color. It can work according to the program solidified itself. It use HMI 2500W lamp, suitable for outdoor view of supermarket and Disco, theme park, Historic sites, castles, hotels, skyscrapers, holiday, village and stage background.

- **Specification**

Voltage: AC220V 50 Hz

Power: 2800W (HMI2500 Gas Lamp)

Lamp: (OSRAM) HMI 2500W/GS

Highest voltage: 1,5 kV (Split secondo Orly)

Isolated resistance: >2MΩ

Tunnel: 6 Channel

Control Model: DMX512 single/ contro ller/ main-follower

Color effected: 3 color + white can changed to be unlimited color

Adjust beam function: 19% - 100%

Angel of beam function: level 60°, aplomb 15°

Size: 68 mm x 45 mm x 71 mm

Net weight: 51kg

Others: function of inspecting itself and working according to the program

- **Safety command**

Repaired by regular maintenance only.

Please disconnect power supply before equip parts or moving.

Please choose correct voltage and lamp size.

The lamp will be very hot when lighting working, do not put flammability or exploder around it.

Do not touch the lamp with your hand directly.

Make sure that it is 1m between light and object.

Don't see the lamp directly when it works.

- **Affix**

2500W garnet curtain

XLR control Line

User Manual

- **Fixing instruction**

This product can Works outdoor Or indoor. air temperature must be under 35°C.

Please read this user's manual carefully before fixing, operation or maintain.

Please confirm if the product has been shatted during shipment.

Please confirm that the power supply is disconnected and the lamp is cool before you change lamp.

The side has bleb is up, do not touch the lamp with key and digital display.

Put the light at breezy and confirm fans is ok.

Put the yellow/ green 2 color wire on the ground.

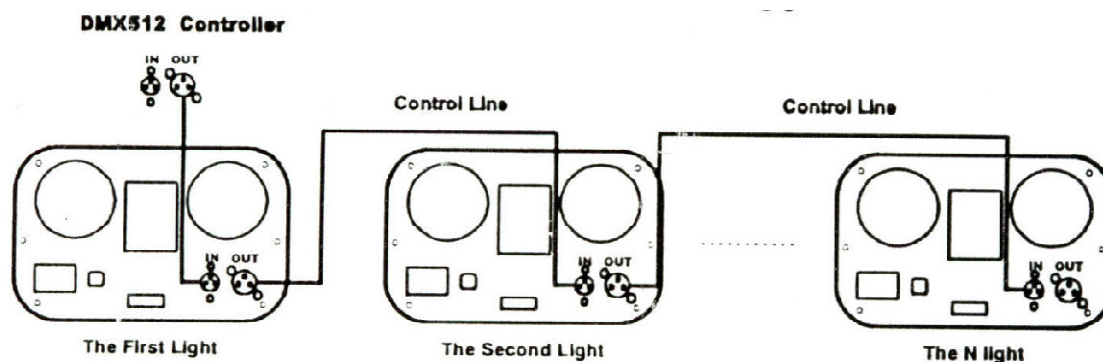
2500W garnet curtain use 20A/ 500V fuse.

- **Operation**

2500W garnet curtain control and design the tunnel with key and digital display.

It adopts DMX512 single or main – follower control model is ok, you can control several light by design tunnel.

Connecting output of controller with input of no 1 light, then contact the output of no 1 light with input of no 2 light. The rest maybe deduced by analogy as the following photo.



Warning

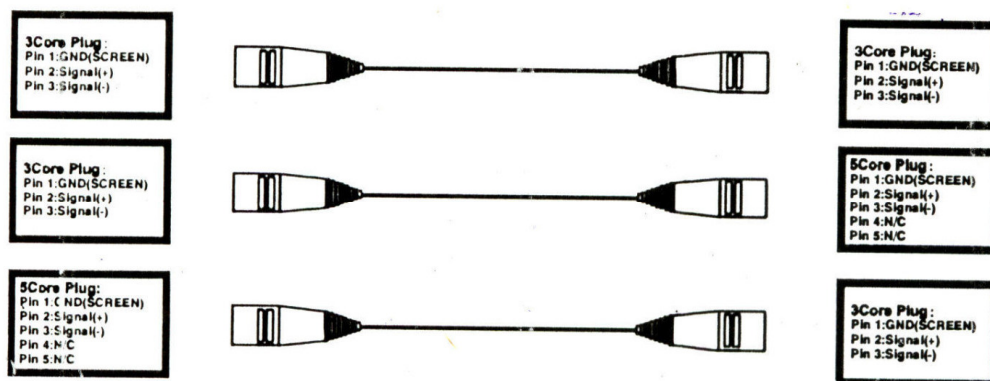
2500W garnet curtain light use 3 core XLR plug, please change 5 core to be 3 core if your controller use 5 core plug please note the follow photo.

It takes about 20 minutes for the lamp to cool, and the you re-start it again.

The light will inspect itself when it begin to work, it can be operated after finish inspecting.

Please do not use this product tingle.

Addenda 2:
 Chngement from 5 core to 3 core plug.



DMX512 Signal connection: Pin 1=screen Pin 2=signal+ Pin 3=signal-

Control tunnel

2500W garnet curtain light adopts DMX512, is has 6 tunnel as following:

Tunnel	Level 0 - 255	Control Item
1 Speed	0 - 255	0-255 is color chngement speed adjustment
2 Strobe/beam adjustment	0 - 255	0-255 is light begin work and adjust lighting
3 Red	0 - 255	0-255 is red
4 Blue	0 - 255	0-255 is blue
5 Yellow	0 - 255	0-255 is yellow
6 Work Itself	0 - 255	.working itself connecting with nol tunnel will be priority, adjustment speed of the other is controlled by nol tunnel . the light will works according to the speed adjusted, and do not need program , the other tunnel can not be controlled when one tunnel is working.

6 tunnel control

Garnet curtain Light DMX512 signal tunnel design

Code	Light No.	Start Channels	Code	Light No.	Start Channels
1	1	A001	41	41	A241
2	2	A007	42	42	A247
3	3	A013	43	43	A253
4	4	A019	44	44	A259
5	5	A025	45	45	A265
6	6	A031	46	46	A271
7	7	A037	47	47	A277
8	8	A043	48	48	A283
9	9	A049	49	49	A289
10	10	A055	50	50	A295
11	11	A061	51	51	A301
12	12	A067	52	52	A307
13	13	A073	53	53	A313
14	14	A079	54	54	A319
15	15	A085	55	55	A325
16	16	A091	56	56	A331
17	17	A097	57	57	A337
18	18	A103	58	58	A343
19	19	A109	59	59	A349
20	20	A115	60	60	A355
21	21	A121	61	61	A361
22	22	A127	62	62	A367
23	23	A133	63	63	A373
24	24	A139	64	64	A379
25	25	A145	65	65	A385
26	26	A151	66	66	A391
27	27	A157	67	67	A397
28	28	A163	68	68	A403
29	29	A169	69	69	A409
30	30	A175	70	70	A415
31	31	A181	71	71	A421
32	32	A187	72	72	A427
33	33	A193	73	73	A433
34	34	A199	74	74	A439
35	35	A205	75	75	A445
36	36	A211	76	76	A451
37	37	A217	77	77	A457
38	38	A223	78	78	A463
39	39	A229	79	79	A469
40	40	A235	80	80	A475

ADDENDA 3



UP



DOWN



M is menu , please open menu when you set tunnel, C is cancel, please cancel menu after finish setting tunnel

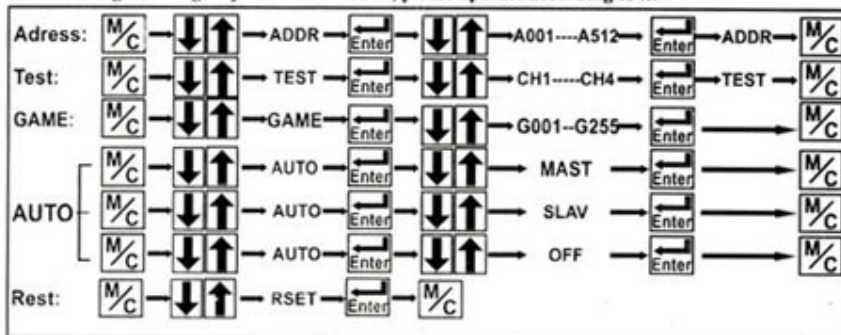


Confirm key

2500W garnet curtain light digital display:

ADDR	ADRESS	Setting tunnel quantity of light(1-512 tunnel)
TEST	Test	Setting program 0-255 when the light works
GAME	INNER PROGRAM	Setting program 0-255 when the light works
AUTO	AUTO RUN	Setting 3 kinds of controller for light Mast: main model Slav: follower model Off: DMX-512 model
MAST	MAINFRAME	Main model, it can works by main model or carry the follower
SLAV	SERITOR	Follower model, it works based on main model only. Color and speed is as same as main model
RSET	Rest	Setting inspector itself

The following is setting way for each function, please operate according to it:



Control skill

1. Please set auto function to be off so that the light can works by controller when it works according to DMX512. DMX512 can control 85 set lights, each connect will signal core in series. Set address-mark for each light-then it can be controlled by controller.
2. Make no1 tunnel and no6 tunnel in series when the light works under DMX512 and set all of auto function to be off, other tunnel can not work when no6 tunnel works. The no1 tunnel adjust speed, no6 tunnel control working time and color effective, the speed of change color can be changed through no1 and no6.
3. The light will itself when it's function setted to be mainframe, it does not need controller, setting the light function as AUTO → MAST, the speed is mixture color as following 12-27 the color changment speed is from slow to fast from 2 second to 2 minute per time. 3 minute to 1,5 second per time mainframe is welcome by the

user for its expedience and no need controller, it can work after the user adjusts its speed.

4. When you want to make several lights working and do not want to use a controller, you can set them to be main-follower, connect them with signal core and set one of the lights as mainframe, the speed is controlled by the GAME of mainframe, adjustment is as same single.